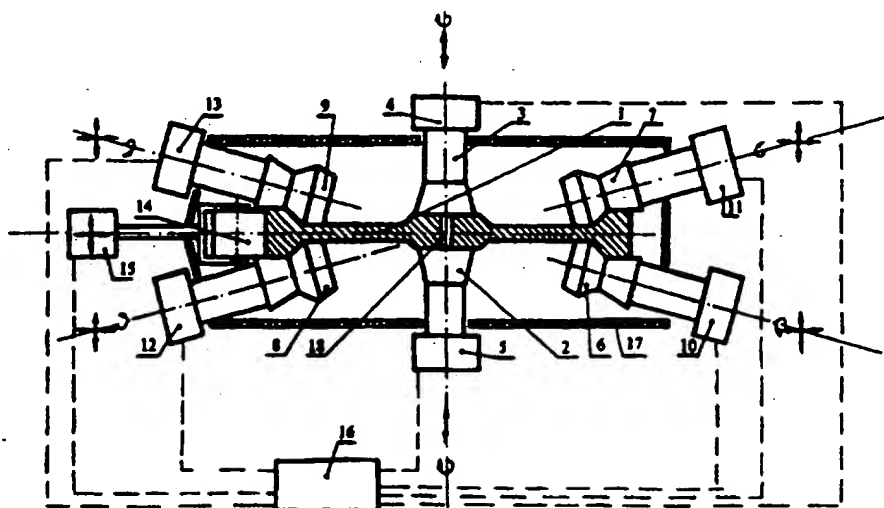


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(54) Title: METHOD FOR PRODUCING AXIALLY SYMMETRIC PARTS AND THE ARTICLE



(57) Abstract

The invention relates to plastic metal working, more specifically to methods for producing parts of the disk- or shell-type having conical, hemispherical, and also combined parts, such as disk-and-shaft ones. The invention is instrumental in producing large axially symmetric parts from hard-to-work multiphase alloys. The method consists in that the billet is heated in a temperature range above 0.4 m.p. but below the temperature at which a total content of precipitates or an allotropic modification of the matrix of a multiphase alloy is not below 7 %. Then the preheated billet is rolled, while controlling its temperature and the tool load, as well as the rolling speed. Once rolled the billet is heat-treated at a temperature depending on the microstructure of the billet material resulting from rolling. Pre-rolling preparing of a specified microstructure of the billet material is also described.